Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Number 10084844 Filing Date 2002-02-25 **INFORMATION DISCLOSURE** First Named Inventor YGUERABIDE, Juan STATEMENT BY APPLICANT Art Unit 1641 (Not for submission under 37 CFR 1.99) YU, Melanie J. **Examiner Name** Attorney Docket Number A9376

				. •	U.S.	PATENTS	Remove	
Exam Initial		Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
/M	Y/	1	6326605	٠	2001-12-04	MODLIN et al.		
		2	-6528323		2003 03 04	THAYER et al.		
	3		6551710		2003-04-22	CHEN et al.		
			6586193		2003-07-01	YGUERABIDE et al.		
		5	6982431		2006-01-03	MODLIN et al.		
		6	4446238		1984-05-01	DE MEY		
	/	7	4752567		1988-06-21	DEBRABANDER		
/MY	′/	8	5017009		1991-05-21	SCHUTT	;	

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Number 10084844 Filing Date 2002-02-25 **INFORMATION DISCLOSURE** First Named Inventor YGUERABIDE, Juan STATEMENT BY APPLICANT Art Unit 1641 (Not for submission under 37 CFR 1.99) YU, Melanie J. **Examiner Name** Attorney Docket Number A9376

		U.S.PATENTS				Remove		
Examiner Initial*	er Cite No Patent Number		Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
/MY/	1	3939350		1996-02-17	KRONICK et al.			
	2	3975084		1976-08-17	BLOCK			
	3	4245031		1981-01-13	CHAMBERS, W.J.			
	4	4313734	i	1982-02-02	LEUVERING			
	5	4420558		1983-12-13	DE MEY et al.			
	6	4480042		1984-10-30	CRAIG et al.			
	7	4575399		1986-03-11	TANAKA et al.			
/MY/	8	4597944		1986-07-01	COTTINGHAM			

Application Number Filing Date		10084844		
		2002-02-25		
First Named Inventor	YGU	ERABIDE, Juan		
Art Unit		1641		
Examiner Name	YU, I	Melanie J.		
Attorney Docket Numb	er	A9376	· ·	

			 	•			
/MY	9	4647544	1987-03-03	NICOLI et al.			
	10	4806583	1989-02-21	BATTAGLIA et al.			
	11	4837168	1989-06-06	de JAEGER et al.			
	12	4851329	1989-07-25	COHEN et al.			
	13	4904525	1990-02-27	TANIGUCHI et al.			
	14	5079172	1992-01-07	HARI et al.			
	15	5100805	1992-03-31	ZIEGE et al.		,	
	16	5145748	1992-09-08	GAIDIS, J.M., et al.			
	17	5202231	1993-04-13	DRMANAC et al.			
\downarrow	18	5257087	1993-10-26	FURUYA	4		
/MY	// 19	5274431	1993-12-28	KURODA			

Application Number Filing Date		10084844
		2002-02-25
First Named Inventor	YGUE	ERABIDE, Juan
Art Unit		1641
Examiner Name YU, N		Melanie J.
Attorney Docket Numb	er	A9376

/MY/	20	5286452	1994-02-15	HANSEN	
	21	5294369	1994-03-15	SHIGEKWA et al.	
	22	5305073	1994-04-19	FORD	
e e	23	5311275	1994-05-10	TANIGUCHI et al.	*
	24	5350911	1994-09-27	BARTZ, Robert	
	25	5403706	1995-04-04	WILK et al.	
	26	5432099	1995-07-11	EKINS	·
	27	5498875	1996-03-12	OBREMSKI et al.	·
	28	5552086	1996-09-03	SIIMAN et al.	
\bigvee	29	5571726	1996-11-05	BROOKS et al.	· ·
/MY/	30	5734498	1998-03-31	KRASIEVA et al.	

Application Number		10084844		
Filing Date		2002-02-25		
First Named Inventor YGU		ERABIDE, Juan		
Art Unit	•	1641		
Examiner Name YU		Melanie J.		
Attorney Docket Numb	oer .	A9376		

/MY/-		F704400-		OARID -4 -1	
7181 1 7	91	5704102	1998-07-2		
<u> </u>					
-	32	5822073	1998-10-1	3 YEE et al.	
	33	5830623	1998-11-0	3 MARUYAMA et al.	
+	-				
	34	5841534	1998-11-2	4 LORENZ	·
	35	5851777	1998-12-2		
-	_				
*	36	5856018	1999-01-0	5 CHEN et al.	·
				·	
	37	6122042	2000-09-1	9 WUNDERMAN et al.	
-		+			
	38	6159748	2000-12-1	2 HECHINGER	
	39	6165798	2000-12-2	6 BROOKS	
	40	0171793	2001 01 0	0 PHILLIPS Vincent F et at	
Ψ_{-}					
/K.ANZ!		6207262	2004 02 2	7 TAKEMATOU	
/MY/	41	6207263	2001-03-2	7 TAKEMATSU et al.	

		10084844
		2002-02-25
First Named Inventor YGUE		RABIDE, Juan
Art Unit		1641
Examiner Name YU, M Attorney Docket Number		lelanie J.
		A9376 .

/MY/ 42 6215549 2001-04-10 SUZUKI et al. 13 6287768 2001-09-11 GHENGHIK, Alex et al. 44 6294241 2001-09-25 KAULE et al.	
44 6294241 2001-09-25 KAULE et al.	-
45 6294327 2001-09-25 WALTON et al.	**************************************
/MY/ 46 6312901 2001-11-06 VIRTANEN	
If you wish to add additional U.S. Patent citation information please click the Add button.	
U.S.PATENT APPLICATION PUBLICATIONS Remove	
Examiner Initial* Cite No Publication Number Kind Code1 Publication Date Name of Patentee or Applicant of cited Document Pages, Columns, Lines who Relevant Passages or Relevant Passages or Relevant Passages or Relevant Pages, Columns, Lines who Relevant Passages or Relevant Pages, Columns, Lines who Relevant Pages, Column	re evant
/MY/ 1 20010002315 2001-05-31 SCHULTZ et al.	
2 28020020547 2002-03-07 RYU et al.	
3 20020045276 2002-04-18 YGUERABIDE et al.	
/MY/ 4 20030096302 2003-05-22 YGUERABIDE et al.	

Application Number		10084844
Filing Date		2002-02-25
First Named Inventor	YGUE	RABIDE, Juan
Art Unit		1641
Examiner Name	YU, M	elanie J.
Attorney Docket Numb	er	A9376

FOREIGN PATENT DOCUMENTS Remove										
	Τ	1	FUREIC	JN PAI	ENI DOCUM	ENIS				
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T5		
/MY/	1	9740181	wo	A1	1997-10-30	YGUERABIDE				
	2	9837417	wo	A1	1998-08-27	SCHULTZ	·			
	3	9920789	wo	A1	1999-04-29	YGUERABIDE				
	4	0479345	EP	A2	1992-04-08	AKZO NV	ABSTRACT			
/MY/	5	9106036	wo	A1	1991-05-02	PATEL et al.				
If you wis	h to a	dd additional Foreign P	atent Document	citation	information pl	ease click the Add buttor	Add			
			NON-PATEN	NT LITE	RATURE DO	CUMENTS	Remove			
Examiner Initials*	Cite No	Include name of the a (book, magazine, jour publisher, city and/or	nal, serial, symp	osium,	catalog, etc), c	the article (when appropriate, pages(s), volume-is	riate), title of the item sue number(s),	T5		
/MY/	1	Dynamics, and Physical	Allara, et al., "Spontaneously Organized Molecular Assemblies. 1. Formation, Dynamics, and Physical Properties of n-Alkanoic Acids Adsorbed from Solution on an Oxidized Aluminum Surface," Langmuir 1:45-52 (1984)							
/MY/	2	Organic Thiols from Solu	Bain, et al., "Formation of Monolayer Films by Spontaneous Assembly of Organic Thiols from Solution onto Gold," Journal of the American Chemical Society 111:321-335 (1989)							
/MY/	3	Bohren et al., Absorptior & Sons, pp. 316-319, pp				s, John Wiley				

Application Number		10084844		
Filing Date		2002-02-25		
First Named Inventor	YGU	ERABIDE, Juan		
Art Unit		1641		
Examiner Name	YU, N	Melanie J.		
Attorney Docket Numb	er	A9376	•	

/MY/	4	Eversole and Broida, "Size and Shape Effects in Light Scattering From Small Silver, Copper and Gold Particles," Physical Review B 15:1644-1654 (1977)	
	5	Jarvik et al., "CD-Tagging: A New Approach to Gene and Protein Discovery and Analysis," BioTechnioues 20:896-904 (1996)	
	6	Chee et al., "Accessing Genetic Information with High-Density DNA Arrays," Science 274:610-614 (1996)	
	7	Heller and Pugh, "' Steric'Stabilization of Colloidal Solutions by Adsorption of Flexible Macromolecules," Journal of Polymer Science 47:203-217 (1960)	
	8	Hiemenz, "Ch. 5 -Light Scattering," in Principles of Colloid and Surface Chemistry, 2nd edition, Marcel Dekker, Inc., pp. 223-286 (1986)	
	9	Wiegel, "Uber die Farben des kolloiden Silbers and die Miesche Theorie," Zietschrift fur Physik, Bd., 136:642-653 (1954)	
	10	Klein and Metz, "Color of Colloidal Silver Sols in Gelatin," Photographic Science and Engineering 5:5-11 (1961)	
	11	Kreibig and Zacharias, "Surface Plasma Resonances in Small Spherical Silver and Gold Particles," Z. Physik 231:128-143 (1970)	
	12	Nuzzo and Allara, "Adsorption of Bifunctional Organic Disulfides on Gold Surfaces," Journal of the American Chemical Society 105:4481-4483 (1983)	
\	13	Vener et al., "A Novel Approach to Nonradioactive Hybridization Assay of Nucleic Acids Using Stained Latex Particles," Analytical Biochemistry 198:308-311 (1991)	
/MY/	14	Stolz, Time-Resolved Light Scattering from Excitons, SpringerTracts, Volume 130, pages 72-85 (1994)	

Application Number		10084844	
Filing Date		2002-02-25	
First Named Inventor YGU		ERABIDE, Juan	
Art Unit		1641	
Examiner Name YU, N		Melanie J.	
Attorney Docket Numb	er	A9376	

	/MY/	Yguerabide & Yguerabide, "Light-Scattering submicroscopic Particles as Highly Fluorescent Analogs and Their Use as Tracer Labels in Clinical and Biological Applications: II. Experimental Characterization" Anal. Biochem. 262:157-176 (San. 28, 1998) Yguerabide & Yguerabide, "Light-Scattering submicroscopic Particles as					
ļ	/MY/		Highly Fluorescent Analogs and Their Use as Tracer Labels in Clinical				
	-	16	and Biological Applications: I. Theory: Anal. Biochem. 262:137-156, (Jan. 28, 1998)	Ш			
		17	Stimpson et al., "Real-Time Detection of DNA Hybridization and Melting on Oligonucleotide Arrays by Using Optical Wave Guides," Proc. Natl. Acad. Sci., USA, 92: 6379-6383 (Feb. 3, 1995)				
		18	Shaw et al., in Introduction to Colloid and Surface Chemistry, 2nd edition, pp. 41, 46-54 (1970)				
	19		Schafer et al., "Transcription by single molecule of RNA polymerase observed by light microscopy," Nature 352:444-448 (1991)				
		20	Roth, The Colloidal Gold Marker System for Light and Electron Microscopic Cytochemistry," Immunocytochemistry 2:217-284 (1983)				
		21	Okano et al., "Using Microparticle Labeling and Counting for Attornole-Level Detection in Heterogeneous Immunoassay," Analytical Biochemistry 202:120.125 (1992)				
		22	Elghanian et al., " Selective Colorimetric Detection of Polynucleotides Based on the Distance-Dependent Optical Properties of Gold Nanoparticles," Science 1078-1081 (August 22, 1997)				
		23	Shalon et at., "A DNA Microarray System for Analyzing Complex DNA Samples Using Two-Color Fluorescent Probe Hybridization," Genome Research 639-645 (1996)				
		24	Horisberger, "Colloidal Gold: A Cytochemical Marker for Light and Fluorescent Microscopy and for Transmission and Scanning Electron Microscopy," Scanning Electron Microscopy 2:9-31 (1981)				
	/MY/ 2		Geoghegan et al., "The Detection of Human B Lymphocytes by Both Light and Electron Microscopy Utilizing Colloidal Gold Labeled Anti-Immunoglobulin," Immunological Communications 7:1-12 (1978)				

T			
Application Number		10084844	,
Filing Date		2002-02-25	
First Named Inventor	YGU	ERABIDE, Juan	
Art Unit		1641	
Examiner Name YU,		Melanie J.	
Attorney Docket Numb	per	A9376	

/MY/		DeWaele et al., Techniques in Immunochemistry, edited by Bullock and Petrusz, Academic	
	20	Press, 2.1 (1983)	7
/MY/	27	Geerts et al., "Nanovid microscopy," Nature 351:765-766 (1991)]
/MY/	28	Kaneta et al., "Theory of Optical Chromatography," Anal. Chem. 69:2701-2710 (1997)	
/MY/	29	Hatano et al., "Application of Optical Chromatography to Immunoassay," Anal. Chem. 69:2711 2715	
/MY/	30	DeBrabander et al., "The Use of Submicroscopic Gold Particles Combined with Video Contrast Enhancement as a Simple Molecular Probe for the Living Cell," Cell Motility and the Cytoskeleton . 6:105-113 (1986)	
/MY/	31	Silva, "A scanning near-field optical microscope with magneto-optic kerr effect contrast for the imaging of magnetic domains with 200 A resolution," Dissertation (1994)	
/MY/	32	Bohmer and King, "Immuno-Gold Labeling for Flow Cytometric Analysis," Journal of Immunological Methods 74:49-57 (1984)	3
/MY/	33	Bloemer et al, "Optical properties of submicrometer-size silver needles," Physical Review B 37:8015-8021 (1988)	
If you wis	h to a	d additional non-patent literature document citation information please click the Add button Add	
-		EXAMINER SIGNATURE	
Examiner	Sign	ture Date Considered	
*EXAMIN citation if	ER: li	itial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a conformance and not considered. Include copy of this form with next communication to applicant.	
Standard ST 4 Kind of do	r.3). ³ cument	USPTO Patent Documents at <u>www.USPTO.GOV</u> or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO or Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here installing its attached.	nt.İ

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) Application Number 10084844 Filing Date 2002-02-25 First Named Inventor YGUERABIDE, Juan Art Unit 1641 Examiner Name YU, Melanie J. Attorney Docket Number A9376

				U.S	PATENTS	Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
/MY/	1	6326605	= (8) (1)	2001-12-04	MODLIN et al.	
	2	6528323		2003-03-04	THAYER et al.	
*	3	6551710		2003-04-22	CHEN et al.	
	4	6586193		2003-07-01	YGUERABIDE et al.	
	5	6982431	4	2006-01-03	MODLIN et al.	
	6	4446238		1984-05-01	DE MEY	
\downarrow	7	4752567		1988-06-21	DEBRABANDER	
/MY/	8	5017009		1991-05-21	SCHUTT	

Application Number		10084844	
Filing Date		2002-02-25	
First Named Inventor YGUE		ERABIDE, Juan	
Art Unit		1641	
Examiner Name	YU, N	Melanie J.	
Attorney Docket Numb	er	A9376	

/MY/	9	5151956		1992-09-29	BLOEMER	
	10	5350697		1994-09-27	SWOPE	
	11	2299668		1997-02-04	STIMIPSON	
	12	5843651		1998-12-01	STIMPSON	
	13	6180415		2001-01-30	SCHULTZ	
	14	6214560		2001-04-10	YGUERABIDE	
	15	6775427		2004-08-10	EVANS	
	16	6985664	B2	2006-01-10	CARACCI et al.	
	17	5311275	. A	1994-05-10	TANIGUCHI et al.	
\bigvee	18	6934022	B1	2005-08-23	ENGELHARDT, Johann	
/MY/	19	6974669	B2	2005-12-13	MIRKIN et al.	

Application Number		10084844		
Filing Date		2002-02-25		
First Named Inventor	YGUE	ERABIDE, Juan		
Art Unit		1641		
Examiner Name	YU, N	felanie J.		
Attorney Docket Numb	er	A9376		

/MY/	20	5516670	A	1996-05-14	KUEHNLE et al.
	21	5485250	A	1996-01-16	KASHIMURA et al.
	22	5451525	A	1995-09-19	SHENKIN et al.
	23	5338353	A	1994-08-16	UCHINO et al.
	24	5120135	A	1992-06-09	ULLMAN, Edwin F.
	25	5110727	A	1992-05-05	OBERHARDT, Bruce J.
	26	5015580		1991-05-14	CHRISTOU et al.
	27	4983834		1991-01-08	LINDMAYER et al.
	28	4886360		1989-12-12	FINLAN, Martin F.
	29	4157498		1979-06-05	JOHNSON, Leighton C.
/MY/	30	5501949	A	1996-03-26	MARSHALL, David L.

Application Number		10084844		
Filing Date		2002-02-25		
First Named Inventor	YGUE	RABIDE, Juan		
Art Unit		1641		
Examiner Name	YU, N	Melanie J.		
Attorney Docket Numb	er	A9376		

/M	IY/ 3	11	5585241	A	1996-12-17	LINDMO, Tore	
	3:	2	6309822	B1	2001-10-30	FODOR et al.	
	3:	3	5137827	Α	1992-08-11	MROCZKOWSKI et al.	
	34	4	4929400		1990-05-29	REMBAUM et al.	
	3:	5	4624923		·1986-11-25	MARGEL, Shlomo	
	3(6	5567628	A	1996-10-22	TARCHA et al.	
	3	7	4877647		1989-10-31	KLABUNDE, Kenneth J.	
	3	18 .	5518887	А	1996-05-21	PARSONS et al.	
	39	9	5728590	A	1998-03-17	POWELL, Richard D.	
	, 41	0	4876208		1989-10-24	GUSTAFSON et al.	
/M`	Y/ 4	1	5248772	A	1993-09-28	SIIMAN et al.	*

Application Number		10084844			
Filing Date		2002-02-25			
First Named Inventor	YGUE	RABIDE, Juan			
Art Unit		1641			
Examiner Name	YU, N	lelanie J.			
Attorney Docket Numb	er	A9376			

			· · · · · · · · · · · · · · · · · · ·						
,	/MY 42 5807522		5807522	A 1998-09-15		BROWN et al.			
If you	ı wis	h to ac	dd additional U.S. Paten	t citatio	n information pl	ease click the Add button.	L.,	Add	•
U.S.PATENT APPLICATION PUBLICATIONS Remove									
Examiner Initial*		Cite No	Publication Number	Kind Code ¹	Publication Date	of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
/MY/		1	20030049866		2003-03-13	BUSHWAY			
		2	20030124733 2003-07-03 BUSHWAY						
		3	20050243321	A1	2005-11-03	COHEN et al.			
			20050117157	A1 .	2005-06-02	TARSA, Peter B.	·		
	5		20040004982	A1	2004-01-08	EISLER et al.			
		6	20050194896	A1	2005-09-08	SUGITA et al.	,		
	/	7	20030089899	Ä1	2003-05-15	LIEBER et al.			
/MY/		8	20060234248	A1	2006-10-19	SUN et al.			
If you	ı wis	h to a	dd additional U.S. Publis	hed Ap	plication citation	n information please click the Add	d button	Add	

Application Number		10084844					
Filing Date		2002-02-25					
First Named Inventor	YGUE	ERABIDE, Juan					
Art Unit		1641					
Examiner Name	YU, N	Melanie J.					
Attorney Docket Numb	er	A9376					

FOREIGN PATENT DOCUMENTS Remove										
Examiner Initial*	Cite No	Forei Numi	gn Document per ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	Т5	
	1									
If you wis	h to a	dd add	itional Foreign Pa	atent Document	citation	information pl	ease click the Add buttor	Add	<u> </u>	
NON-PATENT LITERATURE DOCUMENTS Remove										
Examiner Initials*	Cite No	(book	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.							
	1									
If you wis	If you wish to add additional non-patent literature document citation information please click the Add button Add									
	•			EX	AMINE	R SIGNATUR	E			
Examiner	Signa	ture	/Melanie `	Yu/ (10/30/2007	7)		Date Considered			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.										
¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.										